bs-0292R

## [ Primary Antibody ]

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## **Bovine Serum Albumin Rabbit pAb**

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Target: Bovine Serum Albumin

Immunogen: Bovine Serum Albumin: full length.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**Background:** This gene encodes the most abundant protein in human blood.

This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine

receptor. [provided by RefSeq, Jul 2016]

Applications: WB (1:500-2000)

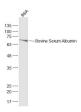
Reactivity: Human, Mouse, Rat, Cow,

Goat

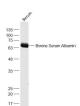
Predicted MW.: 69 kDa

Subcellular Location: Secreted

#### VALIDATION IMAGES



Sample: BSA (Cow) at 40 ug Primary: Anti-Bovine Serum Albumin (bs-0292R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 69 kD Observed band size: 69 kD



Sample: Serum (Cow) at 40 ug Primary: Anti-Bovine Serum Albumin (bs-0292R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 69 kD Observed band size: 69 kD

### - SELECTED CITATIONS -

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- [IF=10.618] Min Chen. et al. An electron donor-acceptor organic photoactive composite with Schottky heterojunction induced photoelectrochemical immunoassay. Biosens Bioelectron. 2021 Nov;191:113475 Other; 34246895
- [IF=4.774] Yasunobu Asawa. et al. Carborane as an Alternative Efficient Hydrophobic Tag for Protein Degradation. Bioconjugate Chem. 2021;XXXX(XXX):XXX-XXX WB;Human. 34699716
- [IF=3.73] Chen, Cheng-Hsien, et al. "MicroRNA-328 Inhibits Renal Tubular Cell Epithelial-to-Mesenchymal Transition by Targeting the CD44 in Pressure-Induced Renal Fibrosis." PloS one 9.6 (2014): e99802. Other; Bovine. 24919189
- [IF=3.057] Wei Zhang. et al. Nanometer-Sized Boron Loaded Liposomes Containing Fe3O4 Magnetic Nanoparticles and Tributyl Borate and Anti-Albumin from Bovine Serum Antibody for Thermal Neutron Detection. Materials. 2021

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